

**EXHIBIT C**  
**DRILLING FLUID PROGRAM**  
**SANTA FE ENERGY RESOURCES, INC.**  
**GAUCHO UNIT NO. 2**  
**Section 29, T-22-S,R-34-E**  
**Lea County, New Mexico**

**0 - 800'**

Spud mud consisting of fresh water gel flocculated with Lime. Use ground paper for seepage control and to sweep the hole. MW-8.5 ppg and Vis-40.

**800 - 5000'**

Drill out with brine water circulating the inner portion of the reserve pit. Utilize ground paper mixed in prehydrated fresh gel to sweep the hole. MW-10.0 ppg and Vis-28.

**5000 - 11850'**

Drill out with fresh water circulating the outer portion of the reserve pit. Maintain pH at 8.5-9.5 with caustic and sweep the hole as necessary with ground paper. Keep mud weight as low as possible. MW-8.4/8.6 ppg and Vis-28.

**11850'-13600'**

Drill out with brine containing MF-55, circulating the steel pits. At 12000' mud up existing brine with XCD polymer/Drispac Plus mud system to an initial mud weight of 11.0 ppg with a 38-40 VIS. Add barite as required to control formation pressures and shale.